



PATENT APPLICATION
Attorney's Do. No. 5038-327
Intel Ref No.: P17931

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL

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DATE OF DEPOSIT: NOVEMBER 13, 2003

I HEREBY CERTIFY THAT THIS PAPER AND ENCLOSURES AND/OR FEE ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: MAIL STOP PATENT APPLICATION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

LAUREN BALLARD-GEMMELL
(SENDER'S PRINTED NAME)

Lauren Ballard-Gemmell
(SIGNATURE)

22154 U.S. PTO
10/713784



Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing is a patent application under 37 CFR 1.53(b) of:

Inventors: Chris B. Freeman, Pete D. Vogt, Kuljit S. Bains, Robert M. Ellis, John B. Halbert, Michael W. Williams

For: **BUFFERED MEMORY MODULE WITH IMPLICIT TO EXPLICIT MEMORY COMMAND EXPANSION**

This application is a ☐ continuation, ☐ divisional, ☐ continuation-in-part of prior application Serial No. _____, filed _____.

Prior application info: Examiner: _____ Group Art Unit _____

Applicant requests FIG. 3 to be published with the application.

Enclosures:

- ☒ Specification (pages 1-13); claims (pages 14-21); abstract (page 22)
- ☒ Four sheet(s) of FORMAL drawings
- ☒ UNSIGNED Declaration or Combined Declaration and Power of Attorney
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
 - ☐ Incorporation by Reference--The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the

disclosure of the accompanying application and is hereby incorporated by reference therein.

- ☐ Deletion of Inventors (signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))
- ☐ Assignment with cover sheet

Assignee Name and Address: Intel Corporation
2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, California 95052-8119

- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i) for Nonpublication
- ☐ Information Disclosure Statement with Form PTO 1449
- ☐ Copies of references listed on attached Form PTO-1449
- ☐ Preliminary Amendment
- ☐ Change of Address
- ☒ Return Postcard

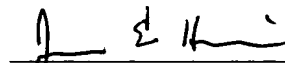
CLAIMS AS FILED				
For	Number Filed	Number Extra	Rate	Basic Fee \$770
Total Claims	31	11	x \$ 18 =	\$198.00
Independent Claims	5	2	x \$ 86 =	\$172.00
Multiple Dependent Claim Fee			x \$290 =	
TOTAL FILING FEE				\$1140.00

- ☐ A check in the amount of \$_____ to cover ☐ filing fee and ☐ assignment recordal fee (\$40) is enclosed.
- ☐ PTO Form 2038 authorizing credit card payment for the above-listed fees is enclosed.
- ☐ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Customer No. 20575

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



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